



May 6, 2009

8 AM - 4:30 PM

Followed by Poster Gala

Squaxin Island Tribe's  
Events Center

91 W State Route 108  
Shelton, WA 98584

**WHO SHOULD ATTEND:**  
Scientists  
Science Users  
Educators

**WHAT IS INCLUDED:**  
Presentations  
Discussions  
Poster Session

You are invited to the second annual . . .

# 2009 SOUTH SOUND SCIENCE SYMPOSIUM

## LINKING THREATS AND INDICATORS

### PURPOSE OF SYMPOSIUM:

Building from the 2008 Symposium focus on the state of the science in South Puget Sound, we will shift to threats and indicators. What are the major threats to South Puget Sound? What indicators are appropriate?

### OBSERVATIONS ABOUT SOUTH PUGET SOUND

Increasing?	Decreasing?
Aquatic nuisance species	Eelgrass and kelp beds
ESA-listed species	Intertidal spawning forage fish
Harbor seals and porpoise	Coho outmigrants in marine water
Cormorants, jellyfish, crabs	Shorebirds, grebes and scoters

Explore how we can work together to identify and relate changes in South Sound's ecosystem health. What are indicators and baselines for ecosystem health?

### POTENTIAL TOPICS FOR THE SYMPOSIUM / POSTERS FOLLOWING SYMPOSIUM:

- **Physical and Chemical Processes**
  - o Geologic setting
  - o Circulation and flushing
  - o Water quality
  - o Terrestrial, freshwater, and marine environments
- **Biology, Ecology, and Food Web Dynamics**
  - o Eelgrass and kelp
  - o Finfish and shellfish
  - o Mammals and birds
  - o Ecological interactions
- **Human Influences and Environmental Stressors**
  - o Land use changes
  - o Wastewater and septic systems
  - o Stormwater runoff



The Symposium will charge a nominal registration fee. For more information contact Mindy Roberts (mrob461@ecy.wa.gov) or John Konovsky (jkonovsky@squaxin.nsn.us) and visit the web page at [www.psp.wa.gov/southsoundscience.php](http://www.psp.wa.gov/southsoundscience.php)

BACKGROUND: WESTERN GREBE, SHUTTERSTOCK; MICHAEL THOMPSON; HIGHLIGHT PHOTOS: YELLOW MUD, SAWDEVICIN, JESSIE FLICKR GROUP; TWO-COLOURED SUNSET, SHUTTERSTOCK; KRZYSZTOF NIECKICKI; NEGLECTED STORM DRAIN, SAWDEVICIN, FLICKR GROUP